



164319

**Tetra Tech EM Inc.**

11116 South Towne Square, Suite 303 ♦ St. Louis, MO 63123 ♦ (314) 892-6322 ♦ Fax (314) 892-6132

25 Oct 01

Mr. Sam Borries
On-Scene Coordinator
U.S. Environmental Protection Agency Region 5
Emergency Response Branch
77 West Jackson Boulevard (SE-5J)
Chicago, IL 60604

Subject: Letter Report
Dead Creek Site G
Sauget, St. Clair County, Illinois
Technical Direction Document No. S05-0108-004
Tetra Tech Contract No. 68-W-00-129

Dear Mr. Borries:

The Tetra Tech EM Inc. (Tetra Tech) Superfund Technical Assessment and Response Team (START) is submitting the enclosed letter report for Dead Creek Site G in Sauget, St. Clair County, Illinois. If you have questions or comments regarding the report or need additional copies, please contact me at (314) 892-6322, extension 23, or Thomas Kouris at (312) 946-6431.

Sincerely,

Joseph M. Parish
Tetra Tech START Project Manager

Enclosure

cc: Lorraine Kosik, U.S. EPA START Project Officer
Thomas Kouris, Tetra Tech START Program Manager

**LETTER REPORT
DEAD CREEK Site G
SAUGET, ST. CLAIR COUNTY, ILLINOIS**



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**LETTER REPORT
DEAD CREEK Site G
SAUGET, ST. CLAIR COUNTY, ILLINOIS**

Prepared for

**U.S. ENVIRONMENTAL PROTECTION AGENCY
Region 5 Emergency Response Branch
77 West Jackson Boulevard
Chicago, IL 60604**

Date Prepared:	25 Oct 01
TDD No:	S05-0108-004
Contract No.:	68-W-00-129
Prepared by:	Tetra Tech EM Inc.
START Project Manager:	Joseph M. Parish
Telephone No.:	(314) 892-6322
U.S. EPA On-Scene Coordinator:	Sam Borries
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1.0 INTRODUCTION

The Tetra Tech EM Inc. (Tetra Tech) Superfund Technical Assessment and Response Team (START) prepared this report in accordance with the requirements of Technical Direction Document (TDD) No. S05-0108-004 issued by the U.S. Environmental Protection Agency (U.S. EPA). The scope of this TDD was to conduct oversight activities at Dead Creek Site G in Sauget, St. Clair County, Illinois. START was tasked to prepare a safety plan, document site conditions and activities through written logbook notes and photographs, conduct air monitoring, and prepare samples for shipment. Specific elements of the task included (1) procuring a contractor to excavate three buried drums containing contaminated materials, including documents and soil samples; (2) removing the materials from the drums; (3) photographing the documents and samples; and (4) repackaging the samples for shipment and laboratory analysis. Site activities were conducted by START members Joseph Parish, Sara Giedeman, and Jennifer Mueller. This report discusses site background information, site activities, and follow-up activities requested by U.S. EPA and provides a summary of START's activities. A photographic log of site activities is included in Appendix A, and shipment and chain-of-custody records are included in Appendix B.

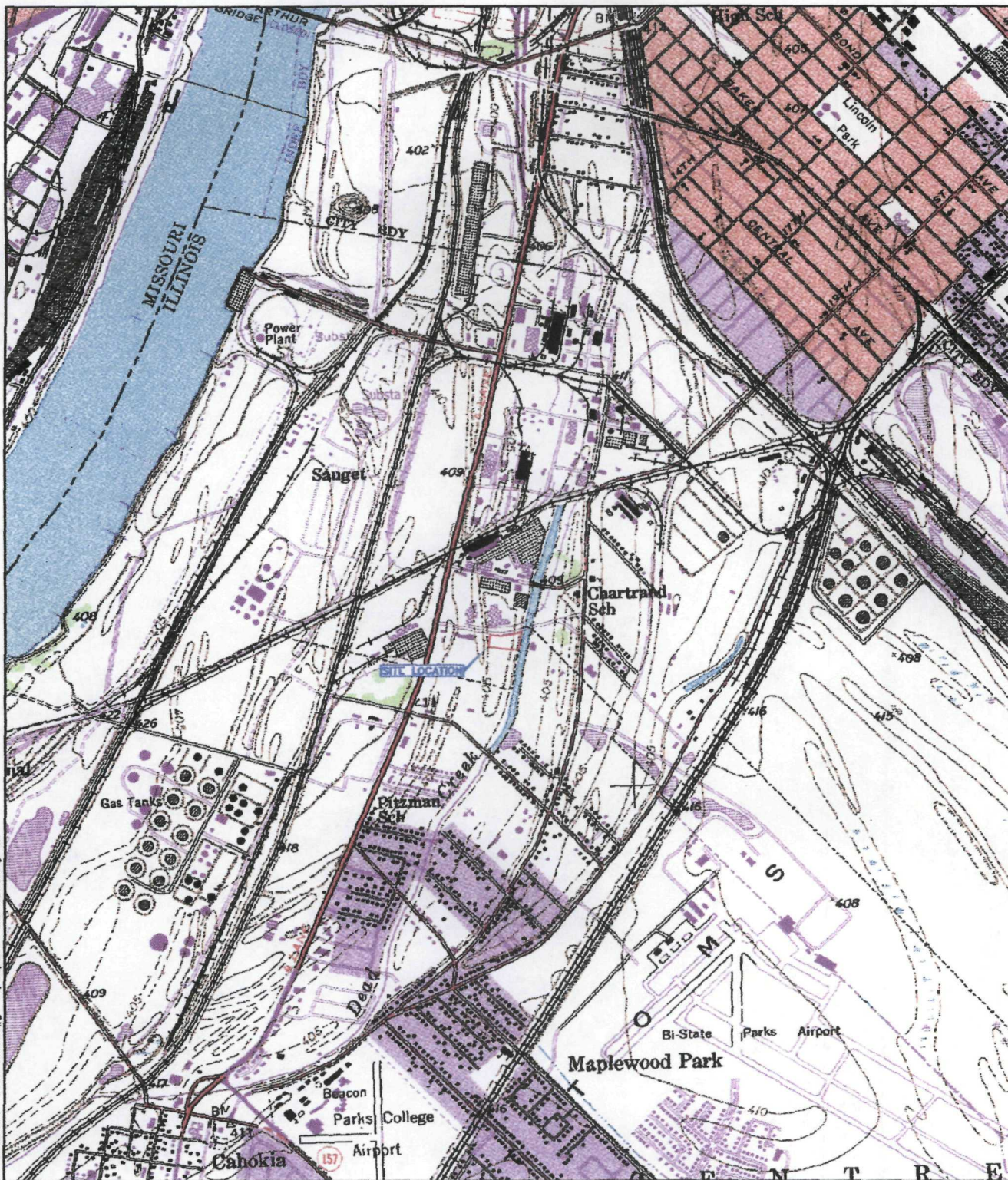
2.0 SITE BACKGROUND

Dead Creek Site G covers approximately 5 acres and is located in west-central St. Clair County, Illinois (see Figure 1), directly across the Mississippi River from St. Louis, Missouri. It is bordered by New Queeny Avenue on the north, Dead Creek on the east, the Dead Creek Site TSCA remediation cell on the south, and Weise Engineering on the west (see Figure 2).

Mr. Leo Sauget operated Site G from about 1952 to 1966 and conducted landfilling operations that were open to all industries in Sauget. In 1966, Leo Sauget sold the site property to Harold Weise, and this ended systematic landfilling operations at the site. However, until a fence was constructed around the site property in 1988, sporadic illegal dumping occurred at the site.

In Oct 84, the Illinois Environmental Protection Agency inspected the site to evaluate proposed remediation work. From 1985 to 1987, Ecology & Environment, Inc., conducted an expanded site investigation of the site on behalf of U.S. EPA. Analyses of surface and subsurface soils showed high concentrations of organic contamination throughout the site. U.S. EPA requested that Cerro Copper Products, Monsanto Corporation, and Weise Engineering supply funds for construction of the site fence, which was installed in 1988. After several fires occurred at the site in 1994, U.S. EPA sought further removal action at the site. During removal activities occurring in 1995, approximately 15,000 cubic yards of on-site soil was excavated and consolidated. The excavated areas were covered with 18 to 24 inches of clean soil and were seeded to reinstate the vegetative cover. About 1,200 cubic yards of oil pit material was stabilized and solidified. On 28 Jul 95, U.S. EPA directed the burial of three drums of materials, including samples and documents, at the site for security purposes. On 07 Aug 95, the removal action was completed. Site G, along with all Sauget Area 1 sites, is proposed for listing on the National Priorities List (NPL).

G:\G\9009\LD106004-Dead Creek\ SITE LOCATION -Dead Creek.dwg 10/25/2001 mark.kennedy CH



0 1000 2000
SCALE IN FEET



DEAD CREEK SITE G
SAUGAT, ILLINOIS

FIGURE 1
SITE LOCATION MAP

 **Tetra Tech EM Inc.**

SOURCE: MODIFIED FROM USGS, CAHOKIA, ILLINOIS-MISSOURI QUADRANGLE, 1988



3.0 SITE ACTIVITIES

START conducted field activities at Dead Creek Site G from 20 through 22 Aug 01. These activities are discussed below.

3.1 MONDAY, 20 AUG 01

On 20 Aug 01, START arrived at the site at approximately 1345 and met with Sam Borries, the U.S. EPA on-scene coordinator (OSC), as well as Mike McAteer and Jon Beihoffer of U.S. EPA. This team marked the location of the buried drums; brush-hogged overgrown vegetation; and set up a canopy, tables, and chairs to prepare for the planned site activities. START left the site at 1605.

3.2 TUESDAY, 21 AUG 01

On 21 Aug 01, START arrived at the site at approximately 0730 and met with OSC Borries, Mr. McAteer, and Mr. Beihoffer, as well as Kevin Turner of U.S. EPA. Also on site were Gary Heller of Excel Environmental, which was subcontracted by START for the excavation work, and Frank Fick and Tom Gartzke from Environmental Operations, which was representing Solutia, the potentially responsible party (PRP) for the site. The OSC designated a "hot zone" and isolated this area with banner guard. As planned, the three drums of contaminated materials were excavated. START, wearing Level C personal protective equipment (PPE), monitored air quality during the excavation with a photoionization detector (PID). No readings above background levels were registered during the excavation process.

The three drums were staged and opened. PID readings taken inside the open drums were as high as 5.5 parts per million (ppm), but the ambient air quality around the drums remained at background levels. START photographed the contents of each drum (see Appendix A) and then removed the drums' contents and staged them on an area of ground covered with visqueen. The drums contained jars of samples collected and various documents found during the 1995 removal action. Next, the materials were moved to visqueen-covered tables and separated for examination and documentation.

The jars of samples were separated from the documents, and the jars' contents were placed in disposable pie pans and homogenized. Each sample was then split three ways into 4- or 8-ounce sample jars by

U.S. EPA personnel. If a sample number was present on an original sample jar, this number was retained; if no sample number was present, a number was assigned beginning with S001. After a sample was split, the three new jars along with the original jar were photographed for documentation purposes. A total of 46 samples were processed. The split samples were placed in iced coolers labeled "A," "B," and "C." Split samples labeled "A" were for the U.S. EPA National Enforcement Investigation Center; split samples labeled "B" were to be held at Tek Lab to be archived; and split samples labeled "C" were for the PRP representative, Environmental Operations. Chain-of-custody forms were placed in the coolers, and the coolers were sealed in accordance with chain-of-custody protocol. A sampling summary is presented in Table 1.

TABLE 1
SAMPLING SUMMARY

Sample No.	Description	PID Reading (ppm)
S001	White, chunky material with dark specks	NR
S002	Gray, powdery material	NR
S003	Bright orange, crystalline powder	NR
WA-25	Small, black chunks and powdery crystals	NR
S004	Grayish-tan powder	NR
S005	Off-white, yellowish crystals	NR
WA-29	Dark grayish-brown, clay chunks	NR
WA-33	Dark grayish-brown, large, clay chunks with powder	NR
WA-30	Black, crystalline material	NR
WA-20	Light gray, sandy powder	NR
WA-24	Dark grayish-brown, clayey chunks	NR
WA-21	Dark grayish and black, crystalline powder	NR
WA-23	Dark grayish-brown, silty material with some chunks	NR
WA-26	Light grayish to black powder and larger chunks	0.7
WA-27	Light gray, sandy powder and larger chunks	2.4
WA-22	Light gray, wet, large, rocky material with gray liquid	ND
WA-18	Dark brown, sandy clay chunks	0.3
WA-19	Black, crystalline powder with several chunks	1.1
WA-28	Dark gray to black powder with trace rocky material	ND
WA-17	Dark brown, clumpy, sandy clay	1.4

TABLE 1 (Continued)
SAMPLING SUMMARY

Sample No.	Description	PID Reading (ppm)
S006	Black, tar-like, material with a strong odor	364
S007	Light brown, clumpy, sandy silt	ND
S008	Bright yellow, transparent liquid	0.6
S009	Dark brown to black, sandy powder	ND
WA-39	Dark brown to reddish-brown sand with clumps	ND
S010	Bluish-gray, sandy, small, clumpy, beady material	0.4
S011	Large clumps of orange and black, sandy, silty material	19
WA-38	Dark brown and black, sandy material	0.2
S012	White powder with trace clumps	7.5
S013	Yellowish-tan beads	0.2
WA-46	Black material with trace dark maroon and dark blue crystals	ND
WA-39-Z	Duplicate of WA-39	1.0
S014	Black, fine powder with trace small clumps	4.5
S015	Yellowish-tan, wet, sandy silt	0.4
S016	Dark brown, silty clay with trace of organic material	ND
OP-1-B	Gray, tan, and brown pellets	ND
SH-BK	Black clumps of crystals with a strong odor	166
OP-1-WHITE	White, gray, and black, moist, chunky clay	8.3
WA-47	Bright yellow, large crystalline clumps with black traces	11.7
WHITE-1	White powder with trace gray powder	ND
S017	Orange, yellow, and brown mixture of pellets	ND
WA-46	Orange and brown, silty clay chunks	4.5
WA-45	Small yellow and tan beads and pellets with rock	ND
WA-40	Dark brown, moist pellets with trace light brown pellets	1.0
WA-48	Bright orange, silty clumps	21.8
WA-44	Bright orange and black, crystalline clumps	2.0
S018	bag of soil	NR
Notes:		
ND = Not detected PID = Photoionization detector NR = Not recorded ppm = Part per million		

After all the samples were split, START, the OSC, and other U.S. EPA personnel began removing documents from their packaging to be examined and selected for photodocumentation. Selected documents were then placed in new, 55-gallon drums, which were sealed in accordance with chain-of-custody protocol for storage overnight. START left the site at 1815.

3.3 WEDNESDAY, 22 AUG 01

On 22 Aug 01, START arrived at the site at approximately 0730 and met with the OSC and other U.S. EPA personnel. Also on site were PRP representatives and U.S. Department of Justice (DOJ) personnel. The DOJ personnel were present to observe Site G activities and the Sauget Area 1 removal action. Later in the day, a Tek Laboratory representative came on site to pick up the split samples labeled "B," which were to be archived. The split samples labeled "A" were shipped to the U.S. EPA National Enforcement Investigation Center in Denver, Colorado, and the split samples labeled "C" were transferred to the custody of the PRP representative, Environmental Operations. Copies of chain-of-custody forms are included in Appendix B.

In the presence of the PRP representatives, START, the OSC, and other U.S. EPA personnel broke the custody seals on the new, 55-gallon drums that had been sealed on 21 Aug 01; removed the documents; and began staging them for photodocumentation. The OSC and other U.S. EPA personnel selected the documents to be photographed. Each selected document was assigned a number and was photographed individually with a digital camera. Photographed documents were placed in resealable bags in lots of approximately 25 documents per bag. This process continued until a total of 378 documents had been photographed. The photographs were stored on diskettes for later transfer to compact discs (CD).

Upon completion of the documentation effort, used PPE; unreadable documents; and the empty, original sample jars were placed in four new, 55-gallon drums. These drums, along with the three old drums, were placed in the previously excavated hole and were reburied by Excel Environmental. The three old drums were crushed prior to reburial. START left the site at 1440.

4.0 FOLLOW-UP ACTIVITIES

As requested by U.S. EPA, START is compiling all the photodocumentation recorded at Site G on CDs. Five CD copies will be made, and four of the five copies will be distributed to OSC Borries; the U.S. EPA National Enforcement Investigation Center in Denver, Colorado; Environmental Operations, the PRP representatives; and Tetra Tech. The fifth copy will be saved by START as a backup. The analytical results for the split samples will not be reported to or evaluated by START. Evaluation of the analytical data is beyond the scope of the TDD. These data are to be used by U.S. EPA for litigation purposes.



5.0 SUMMARY

U.S. EPA tasked START to oversee excavation of three drums of materials left from 1995 removal activities at Dead Creek Site G. START's site activities occurred from 20 through 22 Aug 01. START documented the site work, prepared samples for shipment, and photographed evidential documents and other materials as directed by OSC Borries. Used PPE, unused materials, and empty sample jars were placed in drums and were buried on site. The photographs were placed on CDs that were then distributed to various parties as directed by OSC Borries. The photographs are to be used as evidence for litigation. START does not anticipate any further activities under the TDD.

APPENDIX A
PHOTOGRAPHIC LOG
(Five Pages)



Photograph No.: 1
TDD Number: S05-0108-004
Location: Dead Creek Site G
Subject: Start of drum excavation

Orientation: Southeast
Date: 21 Aug 01



Photograph No.: 2
TDD Number: S05-0108-004
Location: Dead Creek Site G
Subject: Drum 1 being removed from hole

Orientation: West
Date: 21 Aug 01



Photograph No.: 3
TDD Number: S05-0108-004
Location: Dead Creek Site G
Subject: Opening drums 1, 2, and 3

Orientation: South
Date: 21 Aug 01



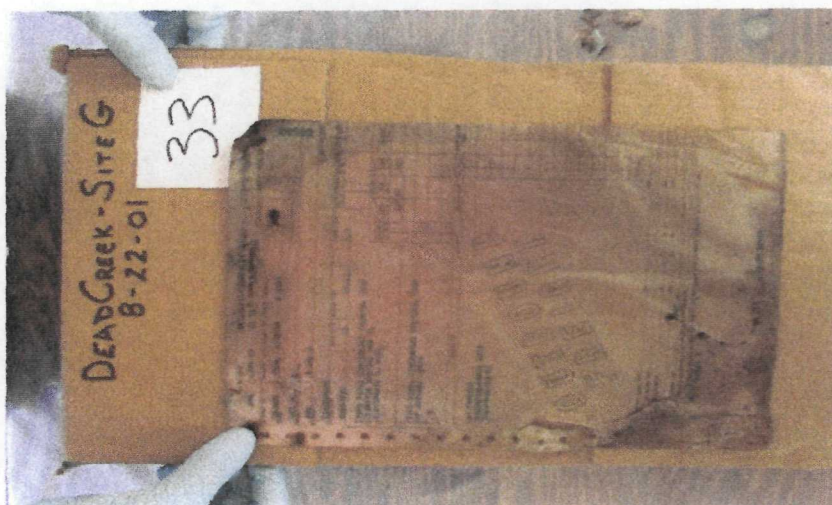
Photograph No.: 4
TDD Number: S05-0108-004
Location: Dead Creek Site G
Subject: Contents of drum 3

Orientation: Southeast
Date: 21 Aug 01



Photograph No.: 5
TDD Number: S05-0108-004
Location: Dead Creek Site G
Subject: One sample split into three samples

Orientation: East
Date: 21 Aug 01



Photograph No.: 6
TDD Number: S05-0108-004
Location: Dead Creek Site G
Subject: One of the many documents found inside the drums

Orientation: East
Date: 22 Aug 01



Photograph No.: 7
TDD Number: S05-0108-004
Location: Dead Creek Site G
Subject: Four new drums to be buried

Orientation: Southeast
Date: 22 Aug 01



Photograph No.: 8
TDD Number: S05-0108-004
Location: Dead Creek Site G
Subject: First new drum placed on pallet

Orientation: Southeast
Date: 22 Aug 01



Photograph No.: 9
TDD Number: S05-0108-004
Location: Dead Creek Site G
Subject: All four new drums placed on palate

Orientation: East
Date: 22 Aug 01



Photograph No.: 10
TDD Number: S05-0108-004
Location: Dead Creek Site G
Subject: Final view of Site G after four new drums were buried

Orientation: Southeast
Date: 22 Aug 01

APPENDIX B
SHIPMENT AND CHAIN-OF-CUSTODY RECORDS
(14 Sheets)

FedEx
Tracking
Number

826164406987

1 From Please print and press hard.Date 8/22/01 Sender's FedEx Account Number 2467-8403-5Sender's Name Jennifer Mueller Phone (314) 892-6322Company TETRA TECHAddress 11116 S TOWNE SQ STE 303

Dept./Floor/Suite/Room

City SAINT LOUIS State MO ZIP 63123

2 Your Internal Billing Reference

First 24 characters will appear on invoice.G9009.E. 0108004

3 To

Recipient's Name Jon Beihoffer Phone (303) 236-6063Company US EPA- NEICAddress Bldg. 53, Entrance N1, DFC
To "HOLD" at FedEx location, print FedEx address. We cannot deliver to P.O. boxes or P.O. ZIP codes.City Denver State CO ZIP 80225

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delivery to select locations☐ FedEx 2Day*
Second business day☐ FedEx Express Saver*
Third business day* FedEx Envelope/Letter Rate not available
Minimum charge: One-pound rate

4b Express Freight Service

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Second business day☐ FedEx 3Day Freight
Third business day* Call for Confirmation.

5 Packaging

* Declared value limit \$500☐ FedEx Envelope/Letter*☐ FedEx Pak*☒ Other Pkg.
Includes FedEx Box, FedEx
Tube, and customer pkg.

6 Special Handling

☐ SATURDAY Delivery
RESTRICTIONS
Available only for FedEx Priority
Overnight and FedEx 2Day
to select ZIP codes☐ SUNDAY Delivery
RESTRICTIONS
Available only for FedEx Priority
Overnight to select ZIP codes☐ HOLD Weekday
at FedEx Location
RESTRICTIONS
Not available with
FedEx First Overnight☐ HOLD Saturday
at FedEx Location
RESTRICTIONS
Available only for FedEx Priority
Overnight and FedEx 2Day
to select locations

Does this shipment contain dangerous goods?

One box must be checked.☒ No☐ YesAs per attached
Shipper's Declaration☐ YesShipper's Declaration
not required☐ Dry IceDry Ice, 9, UN 1845 x kg☐ Cargo Aircraft Only

7 Payment Bill to:

☐ Sender
Acct. No. in Section
1 will be billed.☐ Recipient☒ Third Party☐ Credit Card☐ Cash/CheckFedEx Acct. No. 1822-3486-9

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Exp.
Date

Total Packages

Total Weight

Total Declared Value†

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8 Release Signature

Sign to authorize delivery without obtaining signature.

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

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delivery to select locations☐ FedEx 2Day*
Second business day☐ FedEx Express Saver*
Third business day* FedEx Envelope/Letter Rate not available
Minimum charge: One-pound rate

4b Express Freight Service

Packages over 150 lbs.

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Second business day☐ FedEx 3Day Freight
Third business day

* Call for Confirmation.

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* Declared value limit \$500

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to select ZIP codes☐ SUNDAY Delivery
RESTRICTIONS:
Available only for FedEx Priority
Overnight to select ZIP codes☐ HOLD Weekday
at FedEx Location
RESTRICTIONS:
Not available with
FedEx First Overnight☐ HOLD Saturday
at FedEx Location
RESTRICTIONS:
Available only for FedEx Priority
Overnight and FedEx 2Day
to select locations

Does this shipment contain dangerous goods?

☒ No ☐ Yes
As per attached
Shipper's Declaration☐ Yes
Shipper's Declaration
not required☐ Dry Ice
Dry Ice, 9, UN 1845 x kg

Dangerous Goods cannot be shipped in FedEx packaging.

☐ Cargo Aircraft Only

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Enter: FedEx Acct. No. or Credit Card No. below.

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Acct. No. in Section
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Total Weight

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CHAIN OF CUSTODY RECORD

PROJ. NO. 69004, L.D. 08.004		PROJECT NAME Dead Creek Site G			NO. OF CON- TAINERS	Activity Code:																
SAMPLERS: (Print Name and Sign) Michael M. Ateer																						
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	TAG NUMBERS																
5001A	8/21	1045		X	Site B drum 3	1																
5002A		1046		X	" " "	1																
5003A		1050		X	" " "	1																
WA-25A		1116		X	Site G drum 2	1																
5004A		1116		X	" " "	1																
5005A		1117		X	" " "	1																
WA-29A		1120		X	" " "	1																
WA-33A		1130		X	" " "	1																
WA-30A		1131		X	" " "	1																
WA-20A		1137		X	" " "	1																
WA-24A		1137		X	" " "	1																
WA-21A		1137		X	" " "	1																
WA-23A		1145		X	" " "	1																
WA-26A		1151		X	" " "	1																
WA-27A		1151		X	" " "	1																
Relinquished by: (Signature) [Signature]			Date / Time 8/28/01 13:50		Received by: (Signature)			Ship To: ATTN: Airbill Number Chain of Custody Seal Numbers														
Relinquished by: (Signature)			Date / Time		Received by: (Signature)																	
Relinquished by: (Signature)			Date / Time		Received for Laboratory by: (Signature)													Date / Time				

Distribution: White - Accompanies Shipment; Pink - Coordinator Field Files; Yellow - Laboratory File



CHAIN OF CUSTODY RECORD

PROJ. NO. 6400A.1.01 05 004		PROJECT NAME dead Creek Site G			NO. OF CON- TAINERS	<div style="border: 1px solid black; padding: 5px;"> Activity Code: </div>										
SAMPLERS: (Print Name and Sign)																
STA. NO.	DATE	TIME	COMP.	GRAB												STATION LOCATION
WA-22A	8/21	1155			site G drum 2	1	<div style="border: 1px solid black; padding: 5px;"> Analyte: </div>									
WA-18A	"	1300			"	1										
WA-19A	"	1330			"	1										
WA-21A	"	1330			"	1										
WA-17A	"	1340			"	1										
SO06A	"	1350			site G drum 1	1										
SO07A	"	1340			"	1										
SO08A	"	1345			"	1										
SO09A	"	1355			"	1										
WA-39	"	1355			"	1										
SO10A	"	1405			"	1										
SO11A	"	1420			"	1										
SO12A	"	1415			"	1										
WA-38A	"	1415			"	1										
SO13A	"	1425			"	1										

Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Ship To:	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)			
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)			
<div style="display: flex; justify-content: space-between;"> ATTN: Airbill Number </div>							
Chain of Custody Seal Numbers							

Distribution: White - Accompanies Shipment; Pink - Coordinator Field Files; Yellow - Laboratory File



CHAIN OF CUSTODY RECORD

PROJ. NO. SAL09.L01 .05.004		PROJECT NAME Dead Creek Site G				NO. OF CON- TAINERS	Activity Code:													
SAMPLERS: (Print Name and Sign) <i>Jan B. Schutte</i>																				
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	TAG NUMBERS														
WA-46A	10/1	1430			Site G drum 1	1														
WA-47A	10/1	1440			" " " "	1														
SO14A	"	1440			" " " "	1														
SO15A	"	1445			" " " "	1														
SO16A	"	1450			" " " "	1														
SP-1-E Peltier A	"	1500			" " " "	1														
SP-1 Whit A	"	1505			" " " "	1														
SH-BK1	"	1500			" " " "	1														
WA-47A	"	1515			" " " "	1														
Whit A	"	1516			" " " "	1														
SO17A	"	1520			" " " "	1														
WA-46A	"	1530			" " " "	1														
WA-45A	"	1530			" " " "	1														
WA-40A	"	1540			" " " "	1														
WA-48A	"	1530			" " " "	1														

Relinquished by: (Signature) <i>[Signature]</i>	Date / Time 10/27/01 13:50	Received by: (Signature)	Ship To:
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	
			ATTN:
			Airbill Number
			Chain of Custody Seal Numbers

Distribution: White - Accompanies Shipment; Pink - Coordinator Field Files; Yellow - Laboratory File



CHAIN OF CUSTODY RECORD

[illegible]

CHAIN OF CUSTODY RECORD

PROJ. NO. 64009.2.01 08.004		PROJECT NAME Dean Creek Site G				NO. OF CON- TAINERS	REMARKS									
SAMPLERS: (Signature) Jan Bealoff Mick Wilczak																
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION											
SD01A	8/21	1045		X	Site G drum 3	1										
SD02B		1046		X	Site G drum 3	1										
SD03B		1058		X	Site G drum 3	1										
WA05B		1116		X	Site G drum 2	1										
SD04B		1116		X	" " "	1										
SD05B		1117		X	" " "	1										
WA06B		1120		X	" " "	1										
WA07B		1130		X	" " "	1										
WA08B		1131		X	" " "	1										
WA09B		1137		X	" " "	1										
WA04B		1137		X	" " "	1										
WA01B		1137		X	" " "	1										
WA02B		1145		X	" " "	1										
WA06B		1151		X	" " "	1										
WA07B		1151		X	" " "	1										

Relinquished by: (Signature) Mick Wilczak	Date / Time 8/21/01 9:10	Received by: (Signature) Tom Smith	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	

Distribution: White — Accompanies Shipment; Pink — Coordinator; Field Files; Yellow — Laboratory File

CHAIN OF CUSTODY RECORD

PROJ. NO. 69009.L01 080004		PROJECT NAME Dead Creek site B				NO. OF CON- TAINERS	<div style="border: 1px solid black; padding: 5px;"> Activity Code: </div>									
SAMPLERS: (Print Name and Sign) <div style="display: flex; justify-content: space-between;"> <div> <i>[Signature]</i> <i>[Signature]</i> </div> <div> <i>[Signature]</i> <i>[Signature]</i> </div> </div>																
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION											
WA-22B	8/21	1155			Site B drum 2	1	<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: small; margin-right: 5px;">Analyte:</div> <div style="border: 1px solid black; width: 100%; height: 100%; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px);"></div> </div>									
WA-18B	"	1300			" " "	1										
WA-19B	"	1330			" " "	1										
WA-23B	"	1330			" " "	1										
WA-17B	"	1340			" " "	1										
5006B	"	1350			Site G drum 1	1										
5007B	"	1346			" " " "	1										
5008B	"	1345			" " " "	1										
5009B	"	1355			" " " "	1										
WA-39B	"	1356			" " " "	1										
5010B	"	1405			" " " "	1										
5011B	"	1420			" " " "	1										
5012B	"	1415			" " " "	1										
WA-38B	"	1415			" " " "	1										
5013B	"	1425			" " " "	1										

Relinquished by: (Signature) <i>[Signature]</i>		Date / Time 8/21/01 9:10		Received by: (Signature) <i>[Signature]</i>		Ship To:	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)			
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)			
						ATTN:	
						Airbill Number	
Chain of Custody Seal Numbers							

Distribution: White - Accompanies Shipment; Pink - Coordinator Field Files; Yellow - Laboratory File



77 West Jackson Boulevard

Chicago, Illinois 60604

CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME		NO. OF CONTAINERS		Activity Code:														
GAD009.L.01 08.004		Dead Creek Site G																		
SAMPLERS: (Print Name and Sign)				ANALYTE:		TAG NUMBERS														
STA. NO.	DATE	TIME	COMP.													GRAB	STATION LOCATION			
WA-46B	8/21	1430			Site G drum 1	1														
WA-39B	8/21	1440			" " " "	1														
SO14 B	"	1440			" " " "	1														
SO15B	"	1445			" " " "	1														
SA16B	"	1450			" " " "	1														
OP-1-E PINK-TSR	"	1500			" " " "	1														
OP-1 White-B	"	1505			" " " "	1														
SH-RK-P	"	1500			" " " "	1														
WA-47A	"	1515			" " " "	1														
White-B	"	1516			" " " "	1														
SO17B	"	1520			" " " "	1														
WA-46B	"	1520			" " " "	1														
WA-45B	"	1530			" " " "	1														
WA-40B	"	1540			" " " "	1														
WA-48B	"	1530			" " " "	1														

Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Ship To:	
S. Niedman		8/21/01 9:10		Tom Hoff			
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		ATTN:	
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time	
						Chain of Custody Seal Numbers	

Distribution: White - Accompanies Shipment; Pink - Coordinator Field Files; Yellow - Laboratory File

REGION 5

77 West Jackson Boulevard

Chicago, Illinois 60604

Distribution: White - Accompanies Shipment; Pink - Coordinator Field Files; Yellow - Laboratory File



5-25721

ENVIRONMENTAL PROTECTION AGENCY
Office of Enforcement

REGION 5
230 South Dearborn Street
Chicago, Illinois 60604

CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME						NO. OF CON- TAINERS	REMARKS								
9009 L 01 108008		Dead Creek Site G															
SAMPLERS: (Signature) <i>[Signatures]</i>																	
STA. NO.	DATE	TIME	COMP	GRAB	STATION LOCATION												
S001C	8/2	1045		X	Dead Creek site B drum 3			1									
S002C		1046		X	" " " "			1									
S003C		1050		X	" " " "			1									
WA-25C		1110		X	Site G drum 2			1									
S004C		1110		X	" " " "			1									
S005C		1117		X	" " " "			1									
WA-29C		1120		X	" " " "			1									
WA-32C		1120		X	" " " "			1									
WA-30C		1131		X	" " " "			1									
WA-20C		1137		X	" " " "			1									
WA-24C		1137		X	" " " "			1									
WA-21C		1137		X	" " " "			1									
WA-33C		1145		X	" " " "			1									
WA-26C		1151		X	" " " "			1									
WA-27C		1151		X	" " " "			1									

Relinquished by: (Signature) _____ Date / Time _____ Received by: (Signature) _____ Relinquished by: (Signature) _____ Date / Time _____ Received by: (Signature) _____

Relinquished by: (Signature) _____ Date / Time _____ Received by: (Signature) _____ Relinquished by: (Signature) _____ Date / Time _____ Received by: (Signature) _____

Relinquished by: (Signature) _____ Date / Time _____ Received for Laboratory by: (Signature) _____ Date / Time _____ Remarks _____

Distribution: White — Accompanies Shipment; Pink — Coordinator Field Files; Yellow — Laboratory File

CHAIN OF CUSTODY RECORD

PROJ. NO. 09.004		PROJECT NAME Dead Creek Site B				NO. OF CON- TAINERS	<div style="border: 1px solid black; padding: 5px;"> Activity Code: </div>													
SAMPLERS: (Print Name and Sign) <div style="display: flex; justify-content: space-between;"> Flora M. Mike J. Lewis </div>																				
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	Analyte:	TAG NUMBERS													
WA-03C	8/21	1151			Site B drum 2		1													
WA-03C	"	1300			" " " "	1														
WA-19C	"	1330			" " " "	1														
WA-03C	"	1330			" " " "	1														
WA-17C	"	1340			" " " "	1														
SO-03C	"	1350			Site B drum 1	1														
SO-03C	"	1346			" " " "	1														
SO-03C	"	1345			" " " "	1														
SO-03C	"	1335			" " " "	1														
WA-39C	"	1356			" " " "	1														
SO-03C	"	1405			" " " "	1														
SO-11C	"	1420			" " " "	1														
SO-03C	"	1415			" " " "	1														
WA-35C	"	1415			" " " "	1														
SO-03C	"	1425			" " " "	1														

Relinquished by: (Signature) <i>[Signature]</i>	Date / Time 8/21/01 16.00	Received by: (Signature) <i>[Signature]</i>	Ship To:
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	
		Date / Time	ATTN:
		Date / Time	Airbill Number
			Chain of Custody Seal Numbers

Distribution: White - Accompanies Shipment; Pink - Coordinator Field Files; Yellow - Laboratory File



77 West Jackson Boulevard

CHAIN OF CUSTODY RECORD

5-25741

CHAIN OF CUSTODY RECORD

Distribution: White - Accompanies Shipment; Pink - Coordinator Field Files; Yellow - Laboratory File



5-26947